

Year 2 summer home learning overview 2021-22

1 Summer term 1 2021-22 Chapter 13: Fractions					
Bank Holiday	INSET day	Relating halves and quarters to division	Recap lesson 3: Showing quarters	Lesson 4: Showing Thirds To show and identify thirds in shapes; to use the vocabulary 'numerator' and 'denominator' when referring to fractions.	Lesson 5: Naming Fractions To identify and name fractions by looking at the number of pieces and how many are shaded.
		Complete the online lesson: https://classroom.thenational.academy/lessons/relating-halves-and-quarters-to-division-61hkgr	Learn the strategy: https://vimeo.com/415437786/e53e2b7af6	Learn the strategy: https://vimeo.com/415457545/10b937ca71 And: https://vimeo.com/415455018/ba96d13de	Learn the strategy: https://vimeo.com/415559441/c2fb59a238 And: https://classroom.thenational.academy/lessons/identifying-halves-thirds-and-quarters-of-shape-ccf36c?step=2&activity=video
2 Chapter 13: Fractions					
Lesson 6: Making Equal Fractions (over 2 days) To recognise equivalent fractions in quarters, thirds and halves.	Lesson 6: Making Equal Fractions (over 2 days)	Lesson 7 : Comparing and Ordering Fractions To compare and order similar fractions by looking at the size of the pieces shaded.	Lesson 8: Comparing and Ordering Fractions To compare and order fractions with different denominators.	Lesson 9: Counting Wholes and Parts To count the number of wholes and parts to form mixed numbers.	Lesson 10: Counting in Halves To count in halves and place halves on a number line using pictures.
Learn the strategy: https://vimeo.com/417991852/639d0de02b		Learn the strategy: https://vimeo.com/418005790/2ffc1ab6d	Learn the strategy: https://vimeo.com/418825931/1aa8a5597e Fraction wall: https://mathsbot.com/manipulatives/fractionWall	Learn the strategy: (up to 5 minutes and 22 seconds only) https://classroom.thenational.academy/lessons/building-wholes-74vpcd?step=1&activity=video	Learn the strategy: https://vimeo.com/418827203/bc48184e62
3 Chapter 13: Fractions					
May Day bank holiday	Lesson 11: Counting in Quarters To count in quarters and place quarters on a number line using pictures.	Lesson 12: Counting in Thirds To count in thirds and place thirds on a number line using pictures.	Lesson 13: Finding Part of a Set To find fractions (half) of whole numbers.	Lesson 14: Finding Part of a Set To find a fraction (third) of a whole number.	Lesson 15: Finding Part of a Set To find a fraction (quarter) of a number.
	Learn the strategy: https://vimeo.com/418414616/a7ccb5eadf	Learn the strategy: https://vimeo.com/420267548/7f9e227e31	Learn the strategy: https://vimeo.com/420269459/7a8937fecc	Learn the strategy: https://vimeo.com/421472143/c24c37dc47	Learn the strategy: https://vimeo.com/421499646/babb77c141

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4 Chapter 13: Fractions		Chapter 14: Time (Clock-face for use in this chapter: https://www.topmarks.co.uk/time/teaching-clock)			
Lesson 16: Finding Part of a Quantity (over 2 days) To find a fraction (half, third, quarter) of a quantity (length).	Lesson 16: Finding Part of a Quantity (over 2 days) To find a fraction (half, third, quarter) of a quantity (length).	Year 1, book 1B, Chapter 16: Lesson 2: Telling Time to the Half Hour To improve familiarity with the analogue clock; to tell time to the half hour using the term 'half past'.	Additional lesson on 15 minutes intervals	Lesson 1: Telling and Writing Time to 5 Minutes To tell and write the time to 5-minute intervals.	Lesson 2: Telling and Writing Time To tell time to 5-minute intervals and to the hour.
Learn the strategy: https://vimeo.com/418202137/f0d9cf8b7b?lite=1		Learn the strategy: https://classroom.thenational.academy/lessons/reading-and-writing-the-time-to-oclock-and-half-past-part-1-6wwpat?step=2&activity=video		Learn the strategy: Recap hour and half past: https://vimeo.com/410296188/4766b8445e Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-quarter-past-and-quarter-to-on-an-analogue-clock-ctk6ad	
Learn the strategy: https://classroom.thenational.academy/lessons/reading-the-time-on-the-clock-to-the-nearest-five-minutes-part-1-71jp4c?step=2&activity=video And: https://vimeo.com/410295983/0d450b972a		Learn the strategy: https://classroom.thenational.academy/lessons/reading-the-time-on-the-clock-to-the-nearest-five-minutes-part-2-6thk2d?step=2&activity=video And: https://vimeo.com/410588768/87d445d397			
5 Consolidation					
Revisit adding two digit numbers with regrouping To learn how to add two, two digit numbers by partitioning one number and partitioning both numbers.	Revisit subtracting 2 digit numbers with regrouping To learn how to subtract 2 digit numbers using number lines to represent our mental calculations.	Revisit 3D shape: Identifying 2-D shapes on the surfaces of 3D shapes In this lesson, you will be identifying 2-D shapes on the surfaces of 3D shapes.	Revisit measures (money): Problem solving (Part 1) In this lesson we will learn how to use different strategies to solve questions involving money	Revisit measures (money): Problem Solving (Part 2) In this lesson we will learn how to use different strategies to solve questions involving money.	Revisit inverse relationship between multiplication and division In this lesson, we will be learning about how we can recognise the relationship with the inverse between multiplication and division.
Complete the online lesson: https://classroom.thenational.academy/lessons/adding-two-digit-numbers-with-regrouping-6cup4r	Complete the online lesson: https://classroom.thenational.academy/lessons/subtracting-2-digit-numbers-with-regrouping-cgukad	Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-2-d-shapes-on-the-surfaces-of-3d-shapes-70wk8c	Complete the online lesson: https://classroom.thenational.academy/lessons/problem-solving-part-1-6ctk8t	Complete the online lesson: https://classroom.thenational.academy/lessons/problem-solving-part-2-6dh68r	Complete the online lesson: https://classroom.thenational.academy/lessons/to-recognise-the-inverse-relationship-between-multiplication-and-division-6d34t
6 Consolidation					
Using bar models to show multiplication and division	Revisit fractions: Identifying half of a shape To divide shapes into equal parts and you will also recognise when a shape is divided equally into halves.	Revisit fractions: Identifying halves, thirds and quarters of shape To divide squares into equal parts and identify one half, quarter or third of the square.	Catch up time	Catch up time	Catch up time
Learn the strategy: https://classroom.thenational.academy/lessons/to-create-bar-models-for-multiplication-and-division-6wv3gr	Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-half-of-a-shape-crk0c	Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-halves-thirds-and-quarters-of-shape-cct36c			
Half term					

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Summer 2 2021-22					
7 Recap year 1: time		Chapter 14: Time			
Recap year 1: Lesson 6: Using a Calendar To learn the days of the week and the months of the year and to be able to put them in the correct order.	Embed 15 minute and 5 minute intervals	Lesson 3: Sequencing Events To sequence events of the day by looking at analogue clocks and pictures.	Lesson 4: Drawing Clock Hands (over 2 days) To draw hands on an analogue clock to show the correct time.	Lesson 4: Drawing Clock Hands (over 2 days)	Lesson 5: Finding Durations of Time (over 2 days) To find the duration of time using an analogue clock in 30- and 60-minute intervals.
Learn the strategy: https://vimeo.com/428482273/ab0f56b9cb Recap days: https://classroom.thenational.academy/lessons/exploring-and-discussing-the-days-of-the-week-and-daily-events-6ngkqc?step=1&activity=video Recap months: https://classroom.thenational.academy/lessons/naming-and-ordering-the-months-of-the-year-crw2d?step=1&activity=video	Learn the strategy: Complete the online lessons to recap previous learning: https://classroom.thenational.academy/lessons/reading-the-time-on-the-clock-to-the-nearest-five-minutes-part-1-71jp4c And: https://classroom.thenational.academy/lessons/reading-the-time-on-the-clock-to-the-nearest-five-minutes-part-2-6thk2d	Learn the strategy: https://classroom.thenational.academy/lessons/sequencing-daily-events-74w3jr?step=2&activity=video And: https://vimeo.com/411368935/67e670ebc1	Learn the strategy: https://vimeo.com/411369751/f662da5580		Learn the strategy: https://vimeo.com/413114469/521202142f
8 Chapter 14: Time					
Lesson 5: Finding Durations of Time (over 2 days)	Lesson 6: Finding Durations of Time(over 2 days) To find the duration of time to 5-minute intervals.	Lesson 6: Finding Durations of Time(over 2 days)	Lesson 7: Finding Ending Times (over 2 days) To find the ending time of a duration of time from different 5-minute starting points.	Lesson 7: Finding Ending Times (over 2 days)	Lesson 9: Finding Starting Times (over 2 days) To find the starting time from 30-minute and 1-hour interval durations.
Learn the strategy: https://vimeo.com/413114469/521202142f	Learn the strategy: https://vimeo.com/413275741/5e65297687 And: https://classroom.thenational.academy/lessons/calculating-duration-of-time-in-minutes-cdgp4e?step=2&activity=video		Learn the strategy: https://vimeo.com/413276328/f45c5e87ab		Learn the strategy: https://vimeo.com/412687064/5c62dc9227 And: https://vimeo.com/413089354/f065c235af
9 Chapter 14: Time		Consolidation		Chapter 15: Volume	
Lesson 9: Finding Starting Times (over 2 days) To find the starting time from 30-minute and 1-hour interval durations.	Lesson 11: Comparing Time To compare durations of time from the least amount to the most amount of time and vice versa.	Revisit addition and Subtraction Word Problems In this lesson we will solve addition and subtraction word problems	Revisit spotting patterns in the 2, 5 and 10 multiplication tables To explore the patterns within and across the multiplication tables of 2, 5 and 10.	Chapter 15 Lesson 1: Comparing Volume To compare volume in different-sized containers using the terms 'greater than', 'less than', 'greatest' and 'least'.	Lesson 2: Comparing Volume To compare the volume of different containers using non-standard units.
Learn the strategy: https://vimeo.com/412687064/5c62dc9227 And: https://vimeo.com/413089354/f065c235af	Learn the strategy: https://vimeo.com/413062681/5bbcfe393d	Complete the online lesson: https://classroom.thenational.academy/lessons/addition-and-subtraction-word-problems-cgrp6e	Complete the online lesson: https://classroom.thenational.academy/lessons/spotting-patterns-in-the-2-5-and-10-multiplication-tables-64rp8e	Learn the strategy: https://vimeo.com/431547821/4cb46d132c	Learn the strategy: https://vimeo.com/431547886/dffc31a3e

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10 Chapter 15: Volume					
Lesson 3: Measuring Volume in Litres To measure volume using litres and determine whether an amount is more than, less than or equal to a litre.	Lesson 4: Measuring Volume in Millilitres To measure volume using millilitres and litres; to determine how many millilitres there are in 1 l.	Lesson 5: Solving Word Problems To solve word problems involving bar models with litres as the standard unit.	Revisit addition and subtraction of 2-digit numbers To revisit adding & subtracting two 2-digit numbers and exploring mental strategies to help us solve problems.	Revisit solving multiplication and division problems In this lesson, we will solve multiplication and division word problems involving the multiplication table of 2, 5 and 10.	Revisit measures (mass): Word Problems with Mass In this lesson we will solve problems involving mass
Learn the strategy: https://vimeo.com/431735920/fbe4498186	Learn the strategy: https://vimeo.com/431780881/9ee2569680	Learn the strategy: https://vimeo.com/434273889/55543dbaad	Complete the lesson: https://classroom.thenational.academy/lessons/consolidating-addition-and-subtraction-of-2-digit-numbers-6rr3ae	Complete the online lesson: https://classroom.thenational.academy/lessons/solving-multiplication-and-division-problems-69h66d	Complete the online lesson: https://classroom.thenational.academy/lessons/word-problems-with-mass-70rkcq
11 Consolidation					
Revisit fractions: Identifying fractions of quantity In this lesson you will find one half, one quarter and one third of quantities.	Revisit identifying fractions of quantity and shape (Part 2) To find non-unit fractions of a shape and quantity. we will also solve word problems with fractions.	Revisit measures (capacity and volume): Solving word problems about capacity and volume (Part 2) To use knowledge of number bonds and related facts to 1000 to solve word problems about capacity and volume, using a bar model.	Revisit addition and subtraction: Consolidation and application (Part 1) To consolidate use of column method for addition & subtraction equations that require regrouping.	Revisit subtraction and word problems: Applying knowledge of bar models to answer word problems To look at applying knowledge of bar models to word problems.	Revisit matching Repeated Addition Expressions to Multiplication Expressions In this lesson, we will learn how to use the addition and multiplication symbols correctly.
Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-fractions-of-quantity-70w30r	Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-fractions-of-quantity-and-shape-part-2-c8r66d	Complete the online lesson: https://classroom.thenational.academy/lessons/solving-word-problems-about-capacity-and-volume-part-2-75gkqe	Complete the online lesson: https://classroom.thenational.academy/lessons/consolidation-and-application-part-1-cdk3ed	Complete the online lesson: https://classroom.thenational.academy/lessons/applying-knowledge-of-bar-models-to-answer-word-problems-c4u68t	Complete the online lesson: https://classroom.thenational.academy/lessons/matching-repeated-addition-expressions-to-multiplication-expressions-cckgqe
12 Consolidation					
Revisit finding related multiplication and division facts To explore the relationship between multiplication and division to identify related facts.	Revisit relating multiplying by two to doubling To relate arrays for the multiplication table of 2 to doubling.	Revisit calculating multiplication of fives by skip counting In this lesson, we will solve multiplication problems by skip counting in 5s.	Revisit describing and sorting 2D shapes In this lesson, we will look at the similarities and differences between shapes and sort them.	Revisit naming and describing 3D shapes In this lesson, we will name shapes and objects in our home. We will also describe their properties.	Revisit identifying 2-D shapes on the surfaces of 3D shapes In this lesson, we will identify 2-D shapes on the surfaces of 3D shapes.
Complete the online lesson: https://classroom.thenational.academy/lessons/finding-related-multiplication-and-division-facts-cdj6cc	Complete the online lesson: https://classroom.thenational.academy/lessons/relating-multiplying-by-two-to-doubling-cgt34c	Complete the online lesson: https://classroom.thenational.academy/lessons/calculating-multiplication-of-fives-by-skip-counting-70r3cd	Complete the online lesson: https://classroom.thenational.academy/lessons/describing-and-sorting-2d-shapes-cmtpae	Complete the online lesson: https://classroom.thenational.academy/lessons/naming-and-describing-3d-shapes-c9gkec	Complete the online lesson: https://classroom.thenational.academy/lessons/identifying-2-d-shapes-on-the-surfaces-of-3d-shapes-70wk8c

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13 Consolidation					
Revisit matching Multiplication Expressions to Images and Contexts To match multiplication expressions to pictures.	Revisit further reasoning about multiplication expressions To match multiplication expressions to pictures and think about why those multiplication expressions and pictures match.	Catch up time	Catch up time	Catch up time	
Complete the online lesson: https://classroom.thenational.academy/lessons/matching-multiplication-expressions-to-images-and-contexts-64v3cd	Complete the online lesson: https://classroom.thenational.academy/lessons/further-reasoning-about-multiplication-expressions-cdj38d				